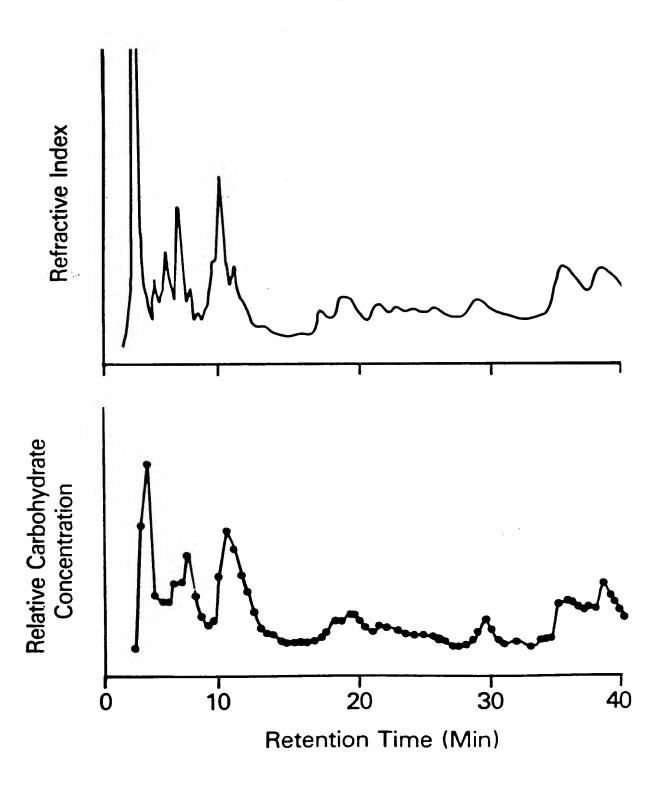


HPLC of Dialyzed, Methanol-Soluble Quillaja saponaria Molina Bark Extract

Figure 1

Figure 2



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-

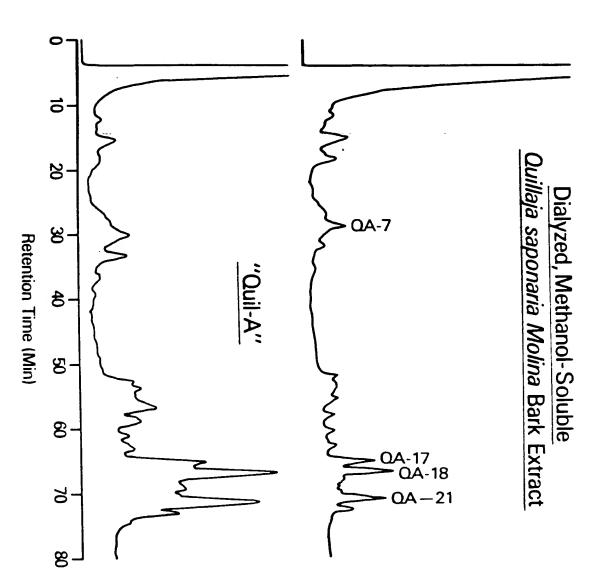
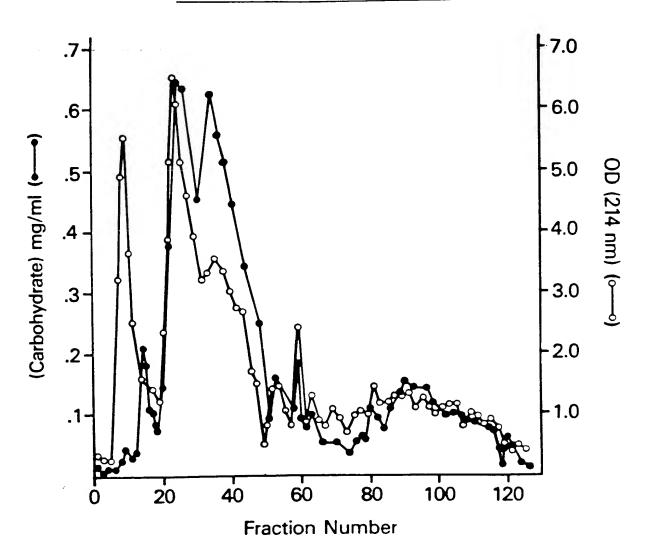


Figure 3

Figure 4A
Silica Chromatography



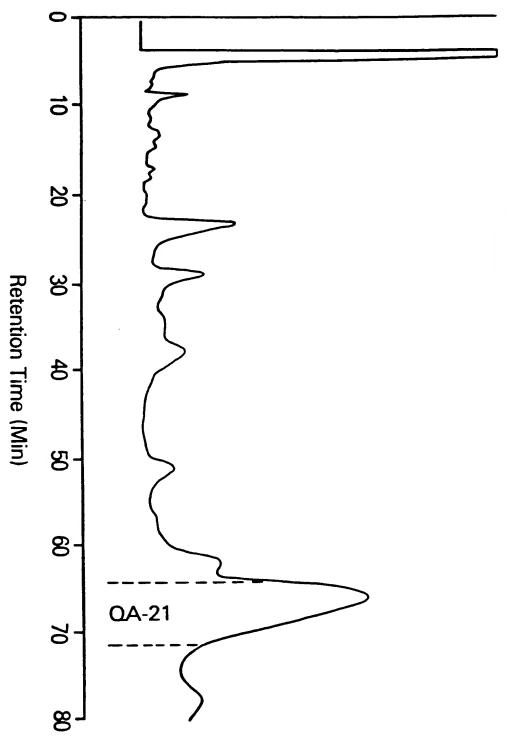
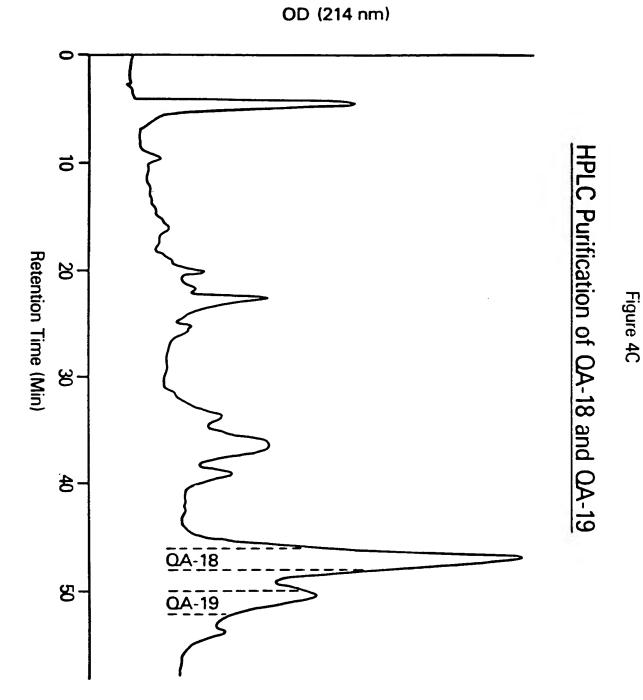
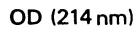


Figure 4B

HPLC Purification of QA-21





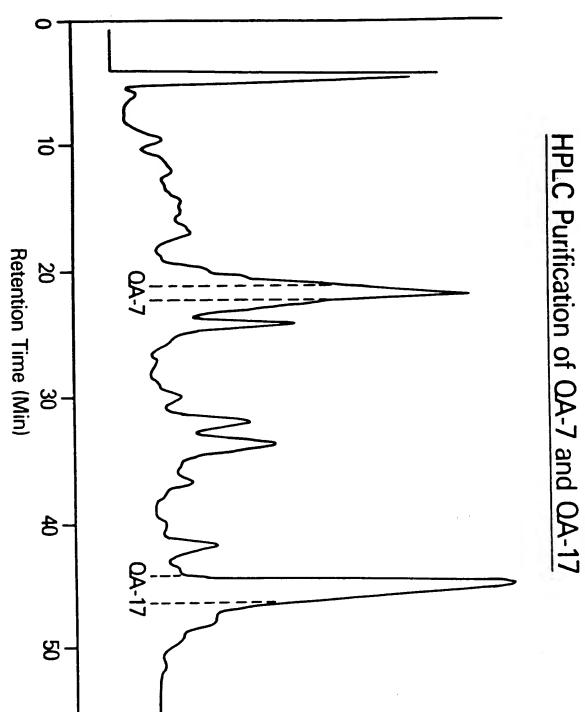
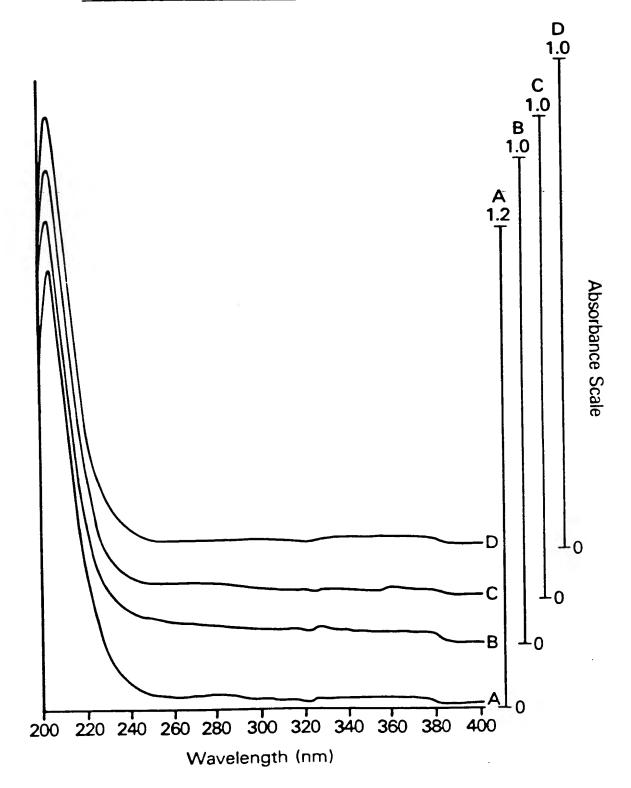


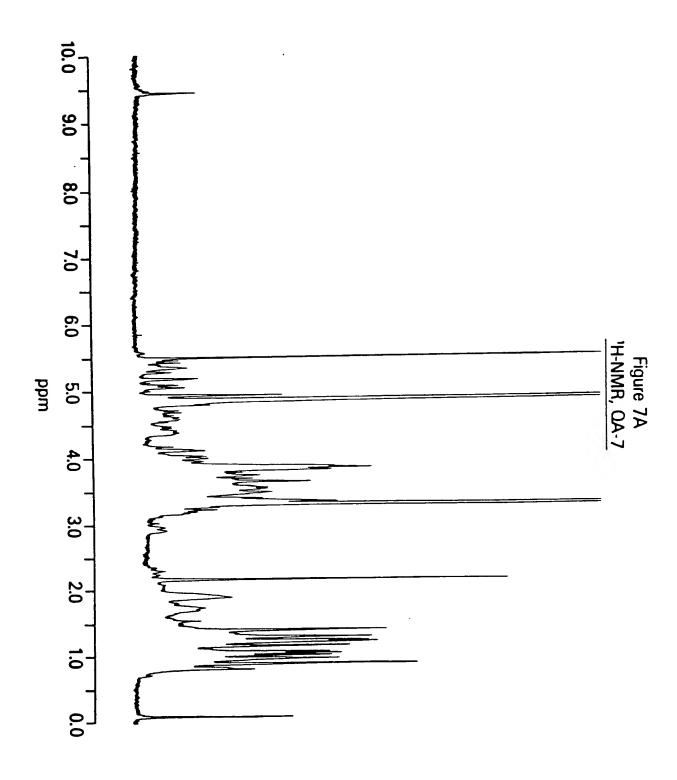
Figure 4D

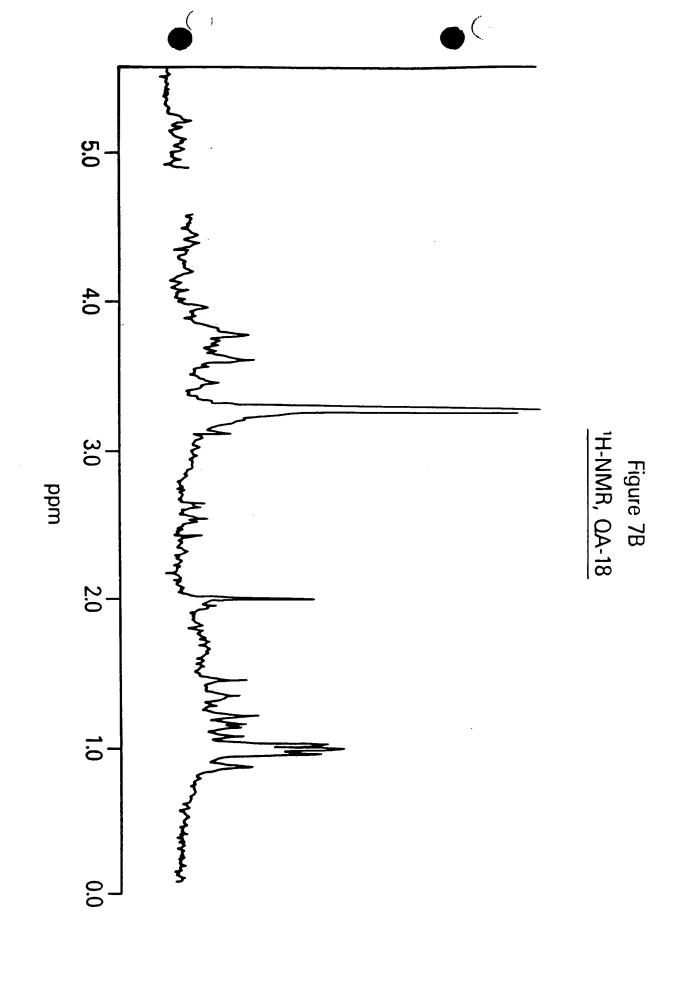


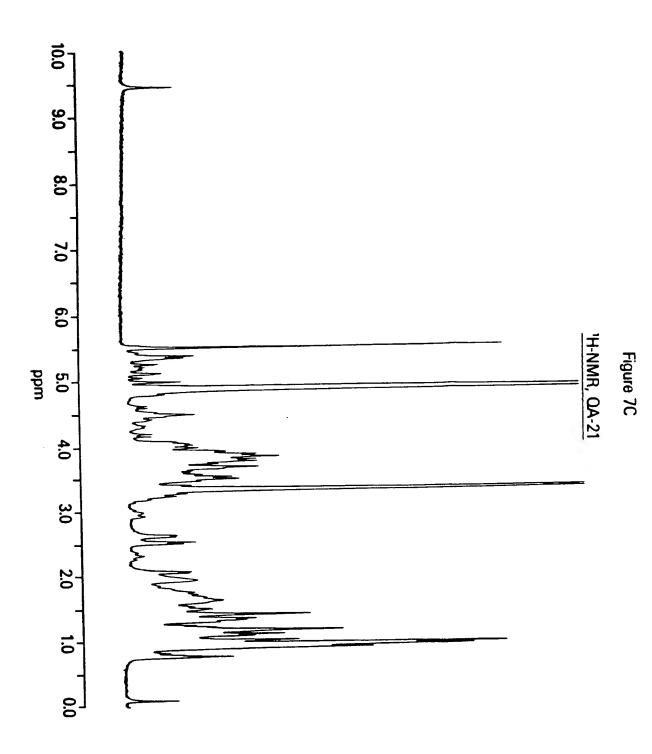
Figure 6

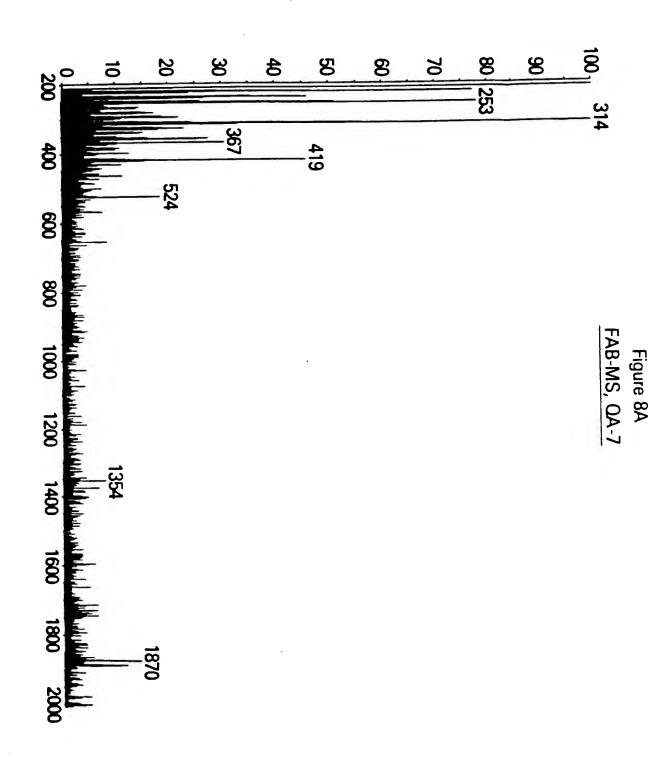
UV Spectroscopy of Saponin Adjuvants

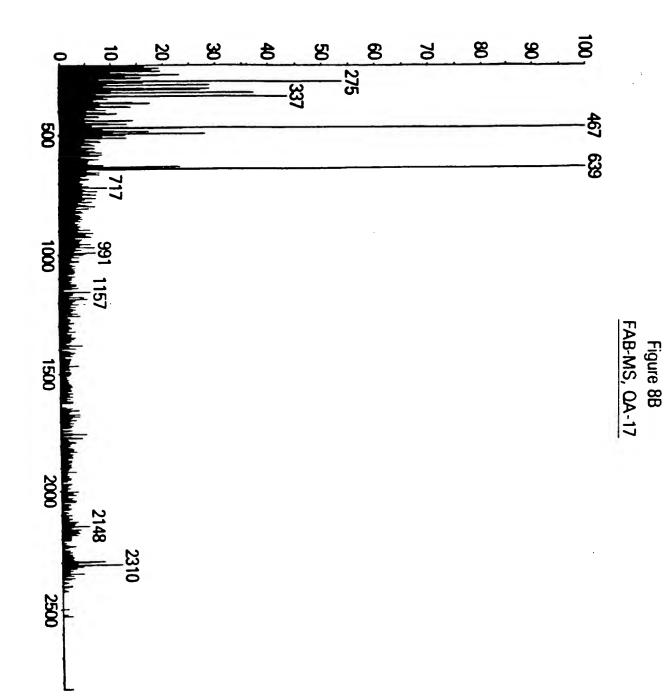












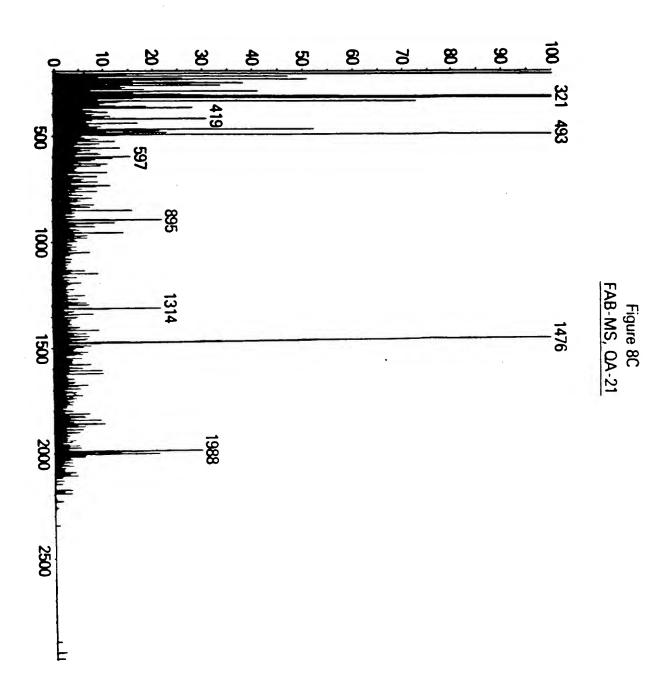


Figure 9

Gel Filtration of Saponin Micelles

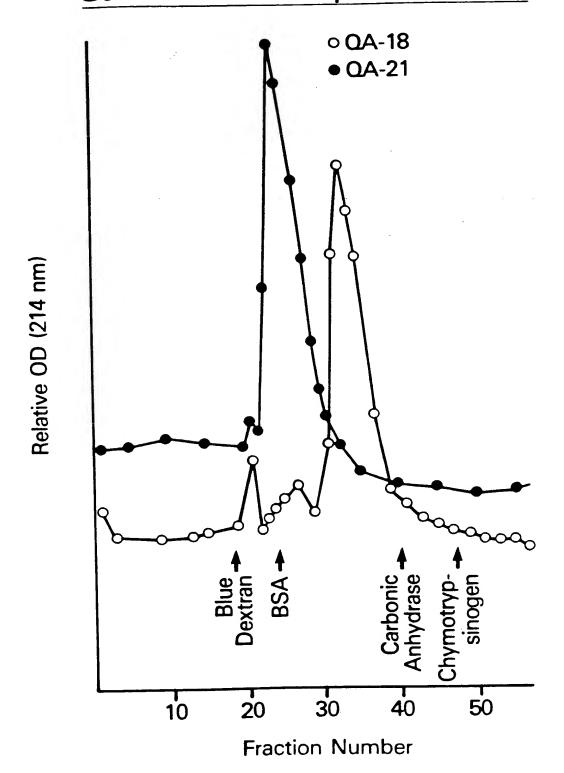
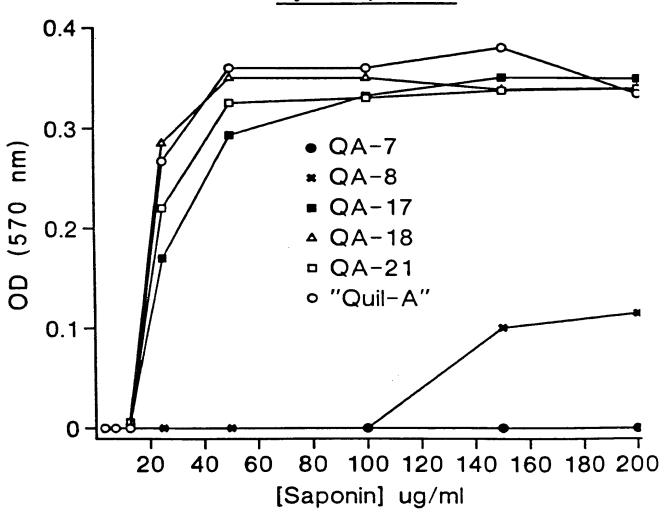


Figure 10

Hemolysis of Sheep Red Blood Cells
by Saponins



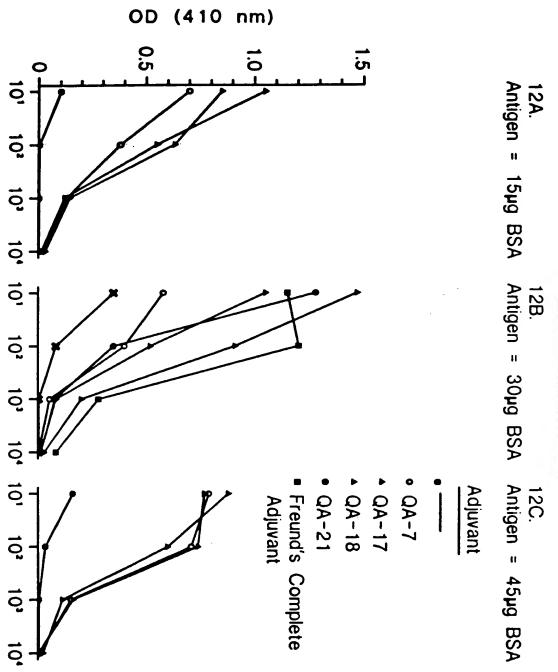
0.5 -1.0ō Adjuvant
QA-2
QA-3
QA-4
QA-7 **7** õ Anti-BSA ELISA • QA-10 • QA-11 • QA-12 • QA-13,14 Adjuvant Sera Dilution 03 Figure 11 ō 10' 102 Adjuvant
QA-15
QA-16
QA-17
QA-17
QA-18
QA-19 • QA-20 103 104

OD (410 nm)

Figure 12

Anti-BSA ELISA

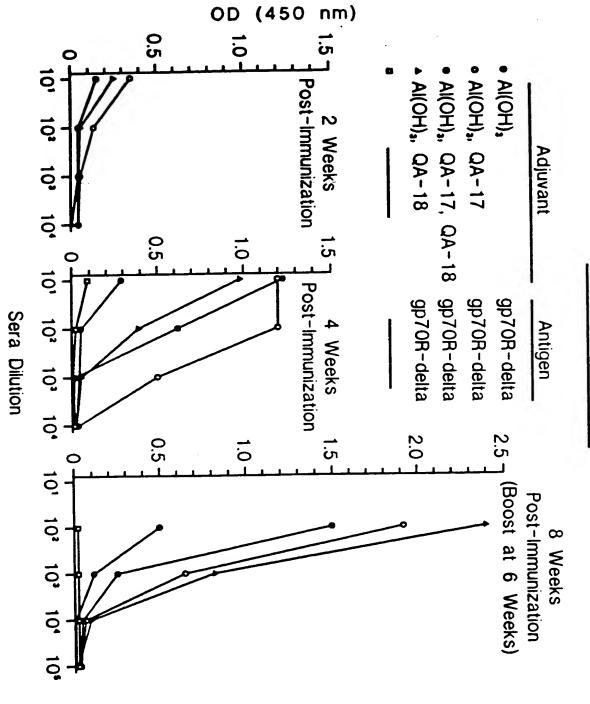
(



Sera Dilution

Figure 13

Anti-FeLV ELISA



OD (450 nm) ō Post-Immunization ಠ 2 Weeks ç Sera Dilution 0.5 1.0 1.5 **7**0 Post-Immunization 03 4 Weeks ą • AI(OH)₃, QA-7 • AI(OH)₃, QA-17, QA-18 o AI(OH), QA-17 ♦ AI(OH)₃, QA-7, QA-17 * AI(OH), QA-18 AI(OH) ■ AI(OH)₃, QA-7, QA-18 ó Adjuvant Alkylated gp70R-delta Antigen

Anti-FeLV ELISA

Figure 14

Figure 15 Anti-BSA ELISA

